

A cube is placed or positioned correctly when it is on the edge or corner with colors the same as those of the cube. A cube is oriented correctly when the colors match those of adjacent center cubes. For example, the corner cube colored orange, white, and yellow (in my case) is placed correctly when it is on the corner adjacent to the orange, yellow, and white center cubes. This cube is oriented correctly when the orange face is adjacent to the orange center cube.

To memorize a solution

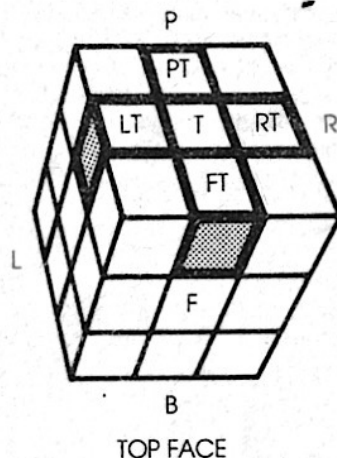
Some sequences of moves are set in **bold face** and are designated with double asterisks (**). To memorize a solution, you only have to memorize these sequences and follow the instructions in sections that are also marked with a double asterisk.

WARNING

Skipping sections or parts of the text may be hazardous to your disposition! This solution has been carefully written so that the text with each step is vital to achieving a solution. Please read the text with the sequences of moves.

COMPLETE SOLUTION

STEP 1: TOP EDGES (FT, LT, PT, RT)



To start the solution, choose a color for the T face (preferably your favorite, as you will be looking at it for some time; I like orange). Remember, the color of a face is determined by the color of the center cube only. Hold the cube so that this face is up. It remains the T face throughout the entire solution.

The objective of the first step is to position and orient the 4 cubes that belong in the 4 top-edge positions. Each of these 4 top-edge cubes is placed and oriented individually. For each of the 4 top-edge cubes, do the following 5 steps (1A-1E). If you are lucky, one or more of these top-edge cubes will be correctly positioned and oriented when you start so that you will have to do these steps (1A-1E) fewer than 4 times. If this much is not clear, reread the chapter on "Notation and Terminology."